

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Monte Good-Johnson Examiner #: 74404 Date: 5/14/03
 Art Unit: 165 Phone Number 30 5-2939 Serial Number: 09714-283
 Mail Box and Bldg/Room Location: FR 3705 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Generating a scale image ^{to synthesize} ~~with~~
 with a three dimensional ^{image} ~~information~~, to
 produce real size images (preferably
actual
 on a camera)

STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Searcher: _____

NA Sequence (#) _____

STN _____

Searcher Phone #: _____

AA Sequence (#) _____

Dialog _____

Searcher Location: FR 3705

Structure (#) _____

Questel/Orbit _____

Date Searcher Picked Up: 5-16-03

Bibliographic ☒

Dr.Link _____

Date Completed: 5-16-03

Litigation ☒

Lexis/Nexis _____

Searcher Prep & Review Time: 120

Fulltext ☒

Sequence Systems _____

Clerical Prep Time: _____

Patent Family _____

WWW/Internet _____

Online Time: 103

Other _____

Other (specify) _____



Click on Truesize image above



[Test](#) [New](#) [Help](#)

al-life sized images on WWW. v. To create

play actual sized(life size) images on virtually all con

"Wow!" let your product image make the sell for yo
returns if what they see is what they get, they will bu

perience make the experience of visiting your online

similar to visiting a physical store, your customers will thank you for it.

Inches? Centimeters? display it in Truesize and international customers can s
centimeters and US customers in inches with the on-screen toggle.

Click on the image displayed and see how with 2 mouse clicks you can view an
in actual size on your own display.

Demo

Create

1. Setup display
2. Calibrate new image

View

1. Click on a Truesize image
2. setup display (one time)

Sample applications

Auction Sellers

eBay, Yahoo Auction, etc.

Online Stores

PDAs, handheld

computers

Laptops

MP3 players

Cell phones

Jewelry

Toys

Sporting goods

Cameras

Figurines

Photos

Apparels

Apparel Accessories

Office Products

Online groceries

Furniture

Watches

Coins

Stamps

Product Company Web Sites

Laptops

Camcorders

Consumer Electronics

Toys

Cameras

Apparels

Watches

Content Web Sites

News portals

Online magazines

Museums

Online advertisers

**Anyone who wishes to show and to see things
actual size**

Doctors for patient x-rays

Farmers for prized produce

Crime experts on forensic evidence

Shippers for package size

Advertising executives for printed designs

Card designer for greeting cards

Patent attorneys for patent drawings

Antique collectors for remote artifacts

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Why 'actual size' in software usually does not mean actual size?

Most popular document processing tools have an option in the menu: 'Actual Size'. But when you put a physical page next to your monitor or display, you find that the page displayed is different in size compared to the real thing! What the display option 'actual size' means in software is that the page displayed is proportional to the real thing and that when printed, it would be in actual size. At Truesize, what we mean by actual size is if you place the physical object next to the display at the same distance from yourself (the observer), you should find that the size of the physical object is identical to the image on display.

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How accurate is this method?

A casual user may expect about $\pm 2\text{-}3\%$ accuracy for the objects viewed. With the fine-tuning(Small Adjustments) tool, accuracy can improve to $\pm 0.5\%$ or better.

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Why is the Truesize method necessary to show actual size on the web?

Because there are thousands of different computer displays sold and used across the world, together with the different versions of computer operating systems, resolutions, and browsers used, there are myriads of factors which affects the image size on any given computer. Truesize simplifies the factors down to the pixel measurements per display resolution, making it possible to display actual sized

object images with a one-click input from the user.

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What do I need to create a Truesize image?

You need: 1) A good quality picture (JPG or GIF format) of the object you want to display. 2) Physical measurements of the object OR the object itself with you.

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Do I need to log in or register to see Truesize images?

No, viewers are not required to enter any personal information and viewing Truesize images is always free.

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What type of display does this method support?

Any computer display whose display area is rectangular in shape. Standard CRT monitors, flat screens, even projectors.

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What browsers and operating systems does Truesize support?

Viewing Truesize images can be done with the following operating systems and browsers:

Operating Systems	Browsers
Windows 98, Me, 2000, XP	IE 4.0+
Apple Mac OS 8.1+	Netscape 4.08+
Linux versions	Opera 7.0+
	Konqueror 3.03+

Above we've listed OS and browsers tested, however, we can say with reasonable confidence that other operating systems supporting the browsers listed are also supported. These systems may include: Sun Solaris versions, HP-UX versions, Windows 95, Windows NT 4.0, Windows CE, etc.

Please note that creating Truesize images require IE 6.0+ and Netscape 7.0+.

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What do I need to enable on my browser to view Truesize images?

(Required) Browser cookies are used to save configuration information so users do not have to enter them for every use.

(Recommended) Javascript is used to provide tools to accurately setup and calibrate displays.

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What do I need to enable on my browser to create Truesize images?

Cookies and Javascript are both required to create Truesize images.

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What if my browser does not support JavaScript?

You can still view Truesize images, however, accuracy may be off a few percentages.

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What if my browser does not support cookies?

It's highly unlikely that a modern day browser does not support cookies. Most likely cookie features are disabled either via the browser or by a 3rd party software. Please search in browser help pages carefully to find out how to enable cookie features.

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Where can I view Truesize objects?

Hopefully everywhere in the near future! :) We are working to provide services to all online stores and product companies.

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How can I produce Truesize images?

Registered accounts are required to access tools necessary to create Truesize images. Please contact us for more details.

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How do I sign up for an account?

Please see the [contact us](#) page for contact information.

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How can I make sure my image sizes are as accurate as possible?

You can fine-tune your display measurements with the "Make Small Adjustments" option if you have Javascript enabled via [this](#) page.

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